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Title: NEURAL NETWORK PATTERN RECOGNITION FOR PREDICTING PHARMACODYNAMICS USING PATIENT CHARACTERISTICS

Inventors: URQUIDI-MACDONALD et al.

Atty Docket No.: 402869

Leydig, Voit & Mayer 202-737-6770

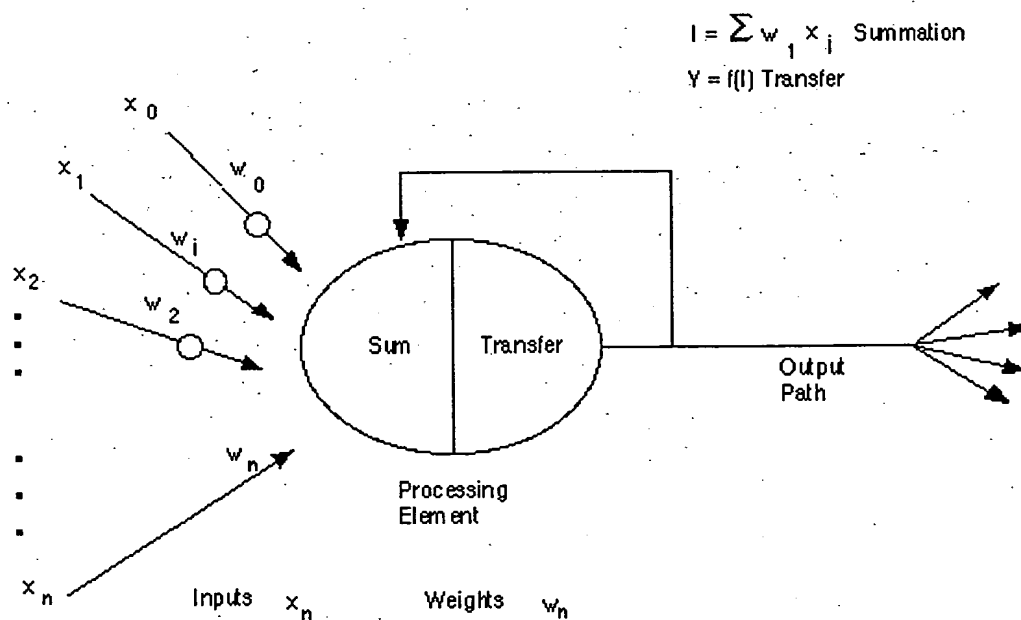


FIGURE 1

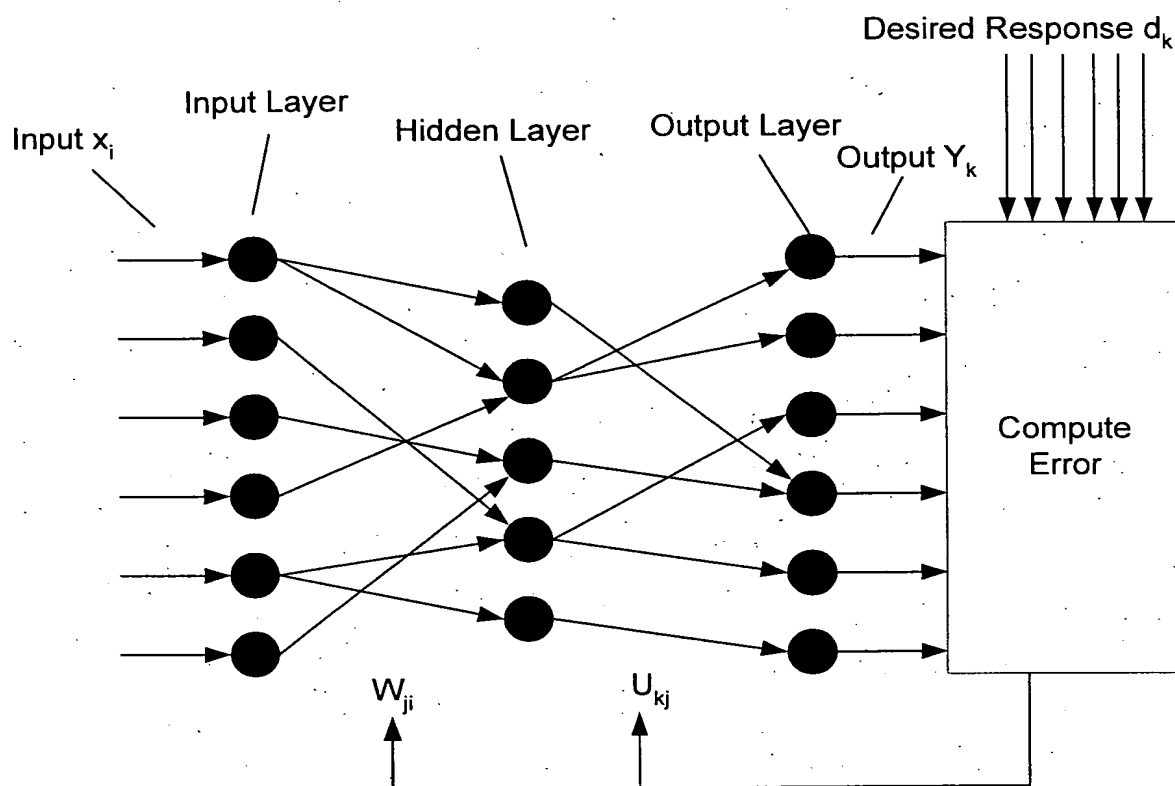


FIGURE 2

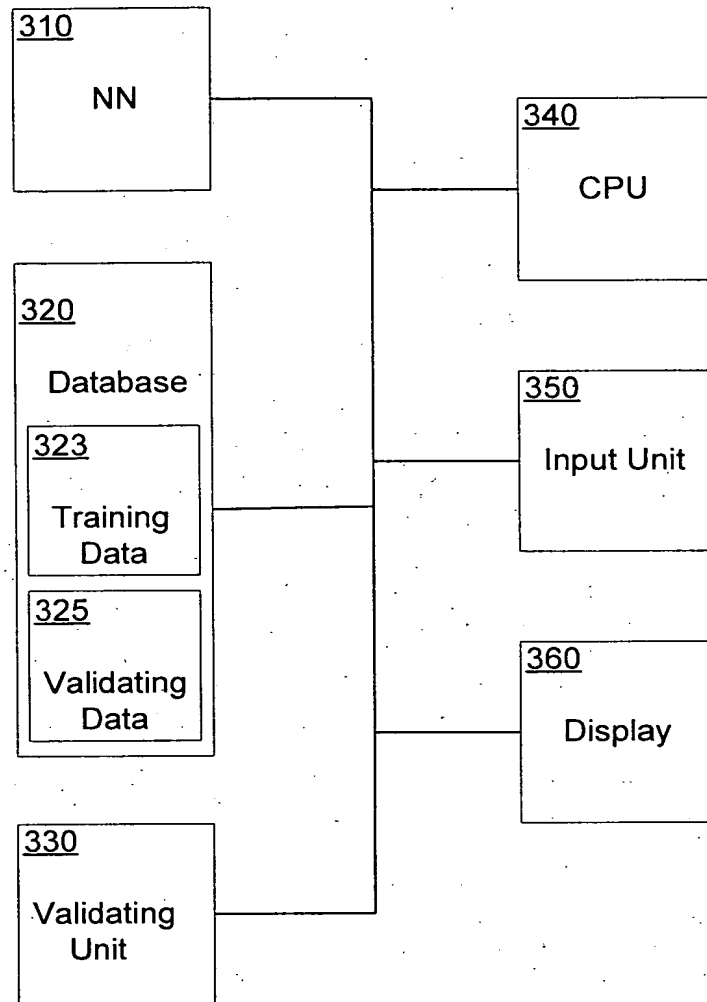


FIGURE 3

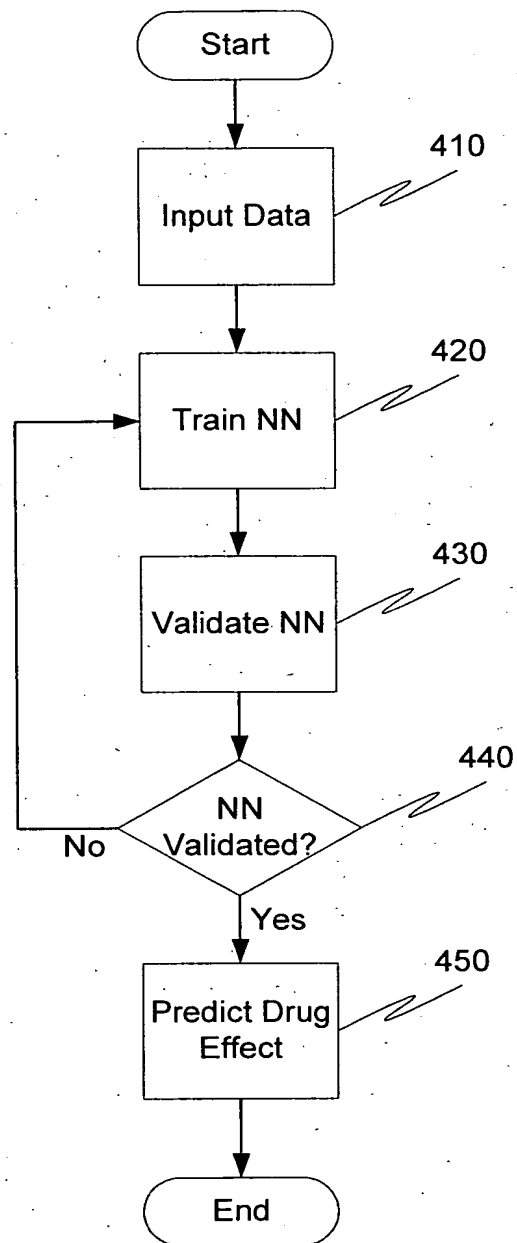


FIGURE 4

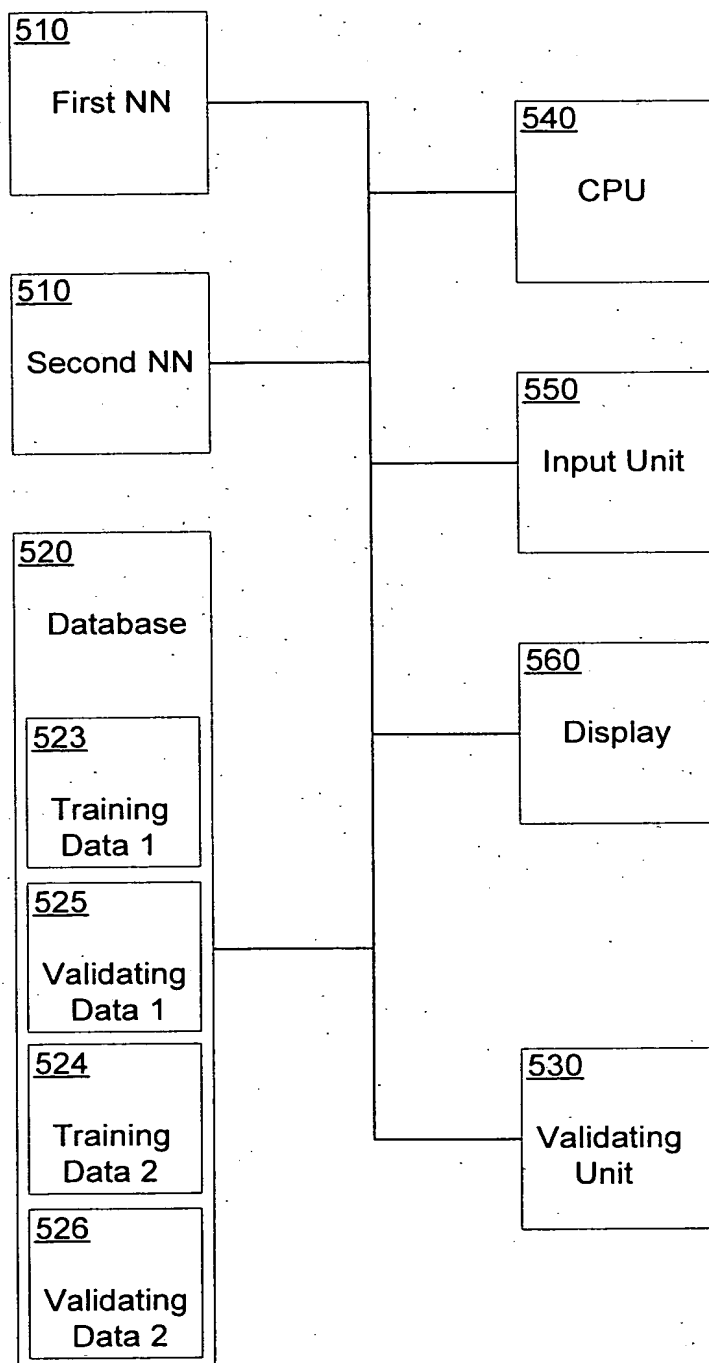


FIGURE 5

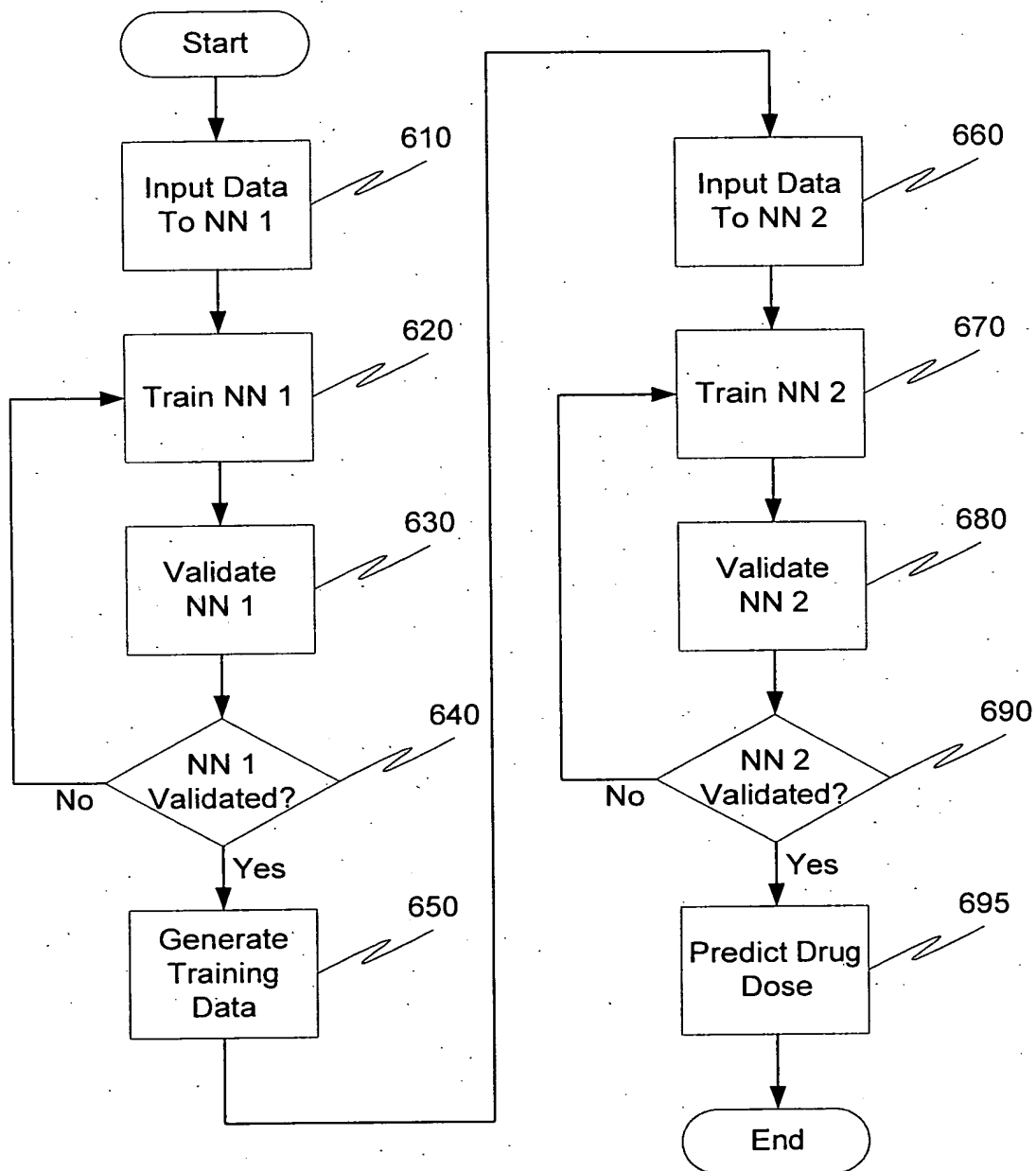


FIGURE 6

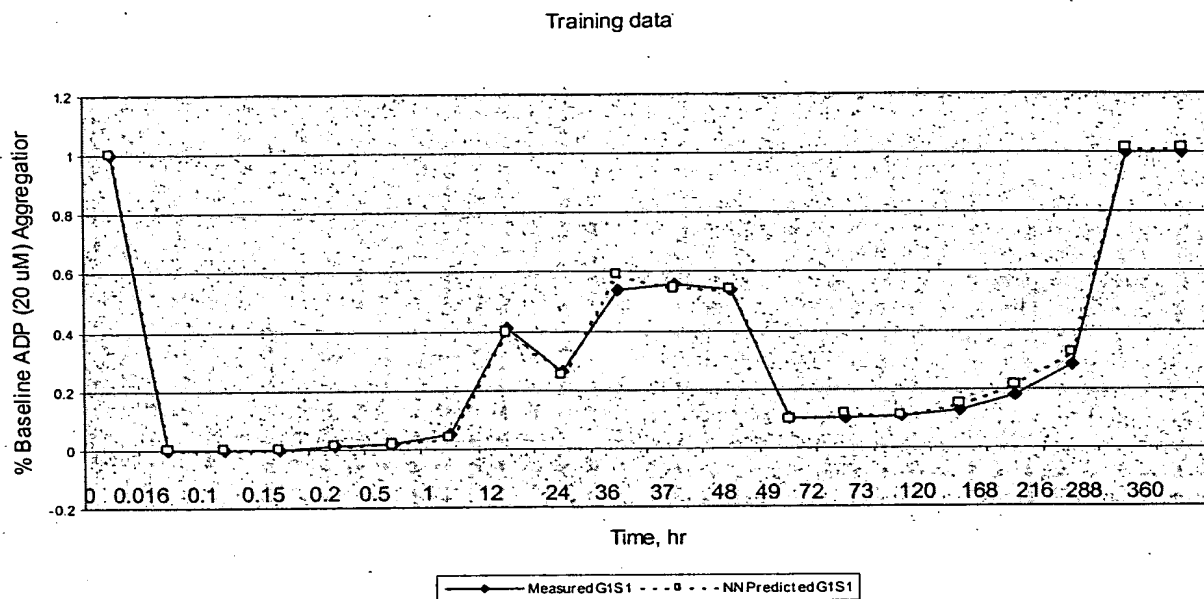


FIGURE 7

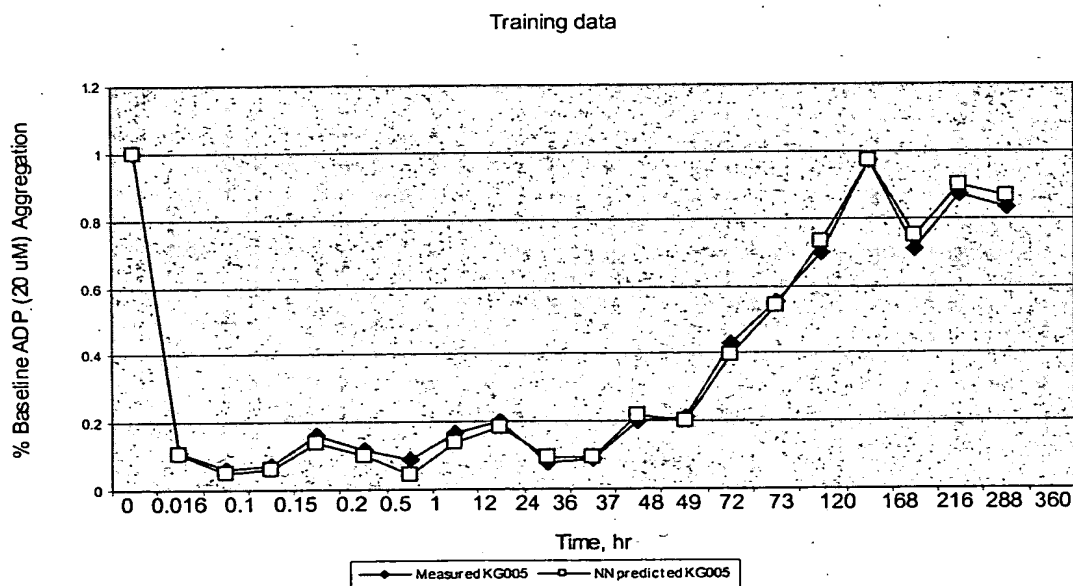


FIGURE 8

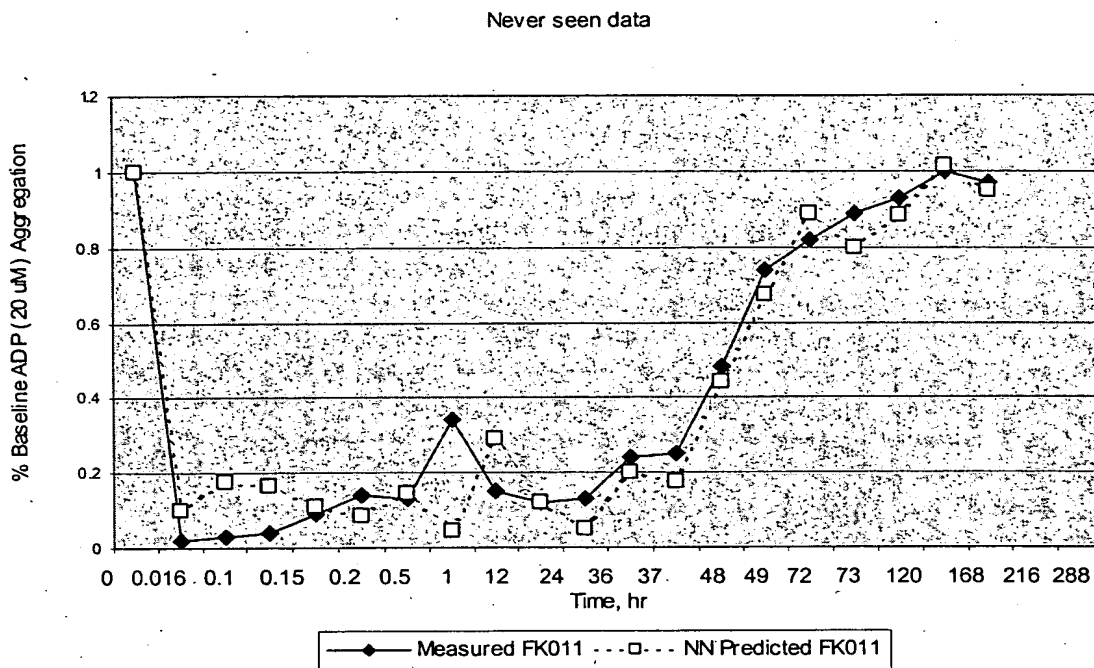


FIGURE 9

1021

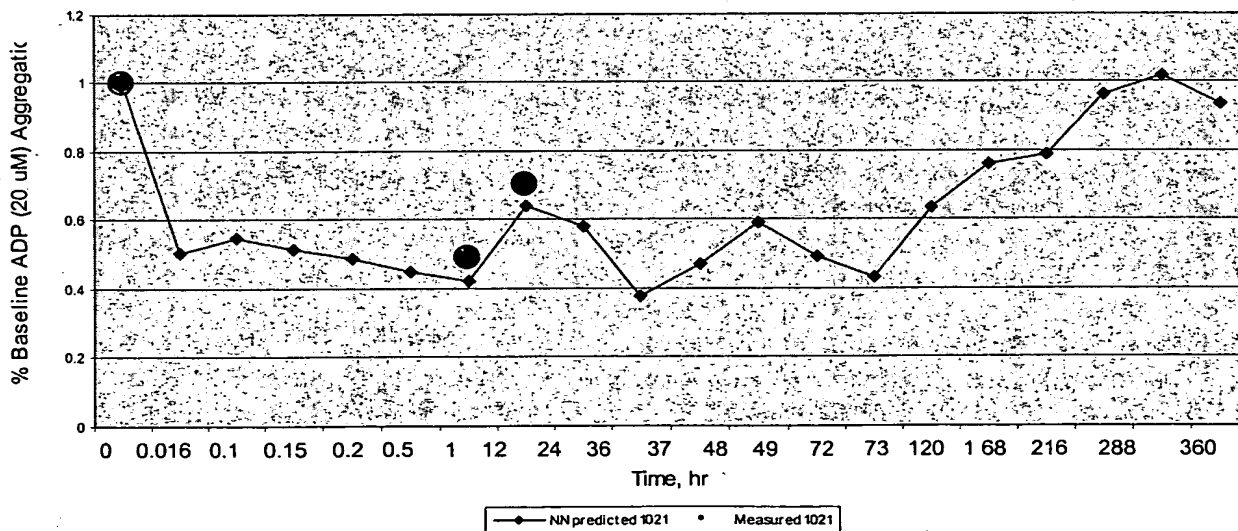


FIGURE 10

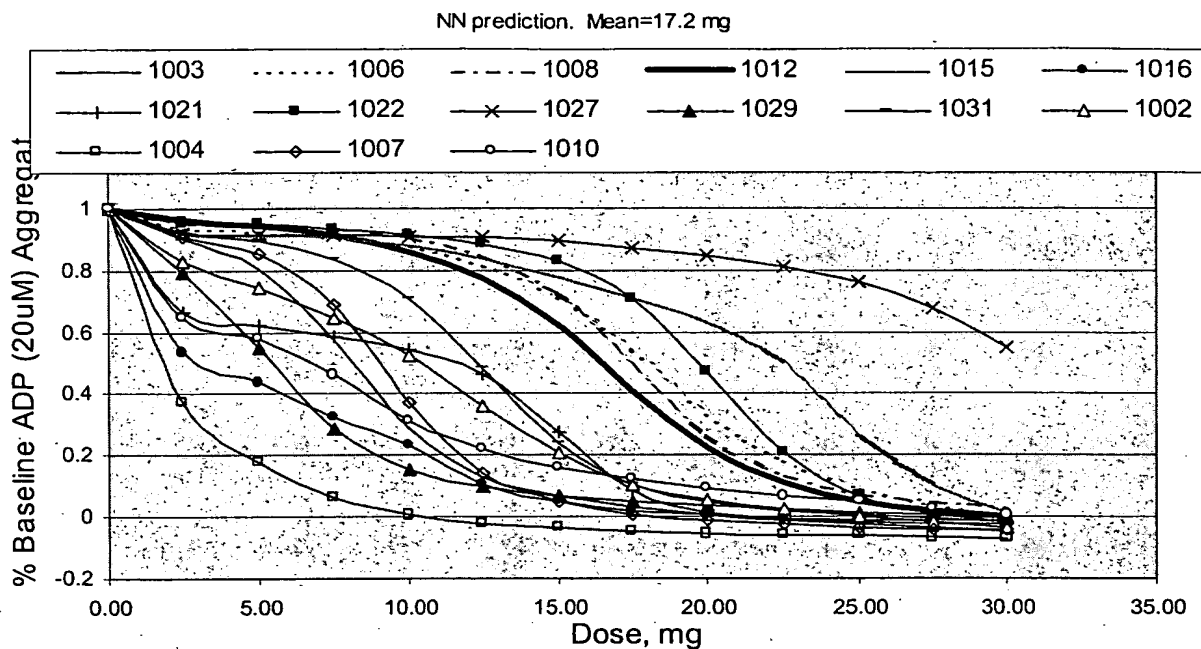


FIGURE 11

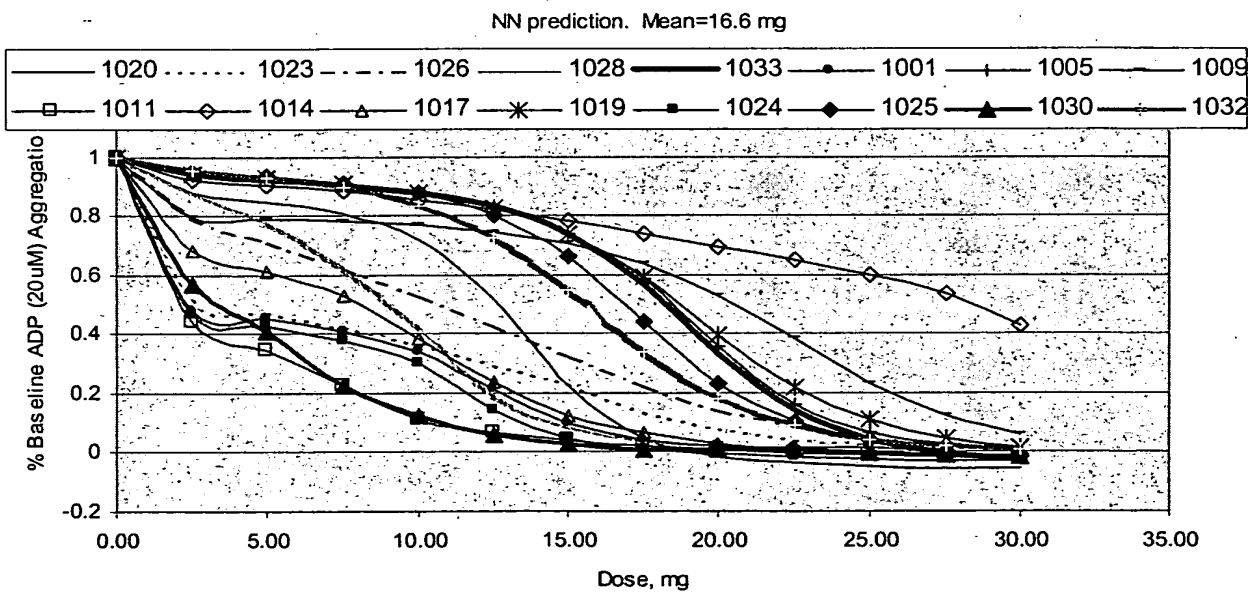


FIGURE 12

Required Baseline Aggregation Response

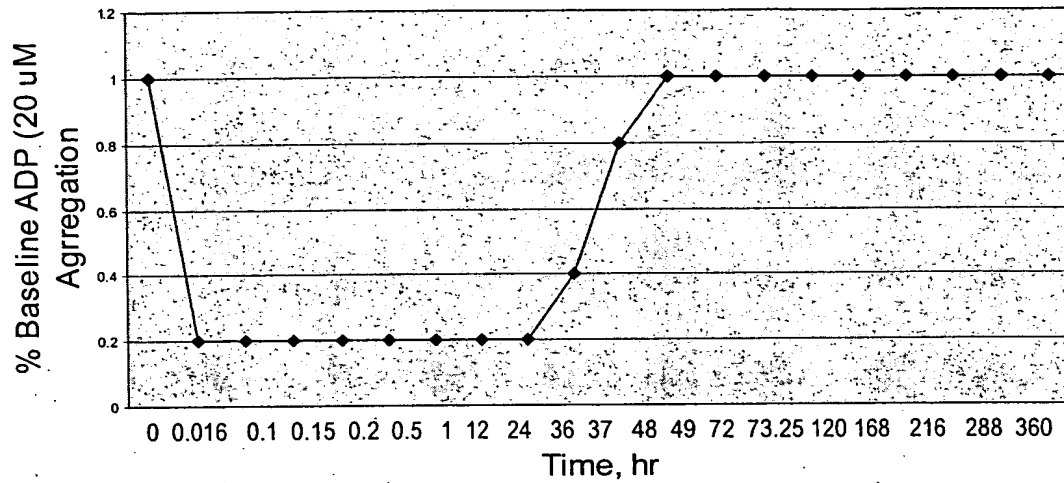


FIGURE 13

EH0013

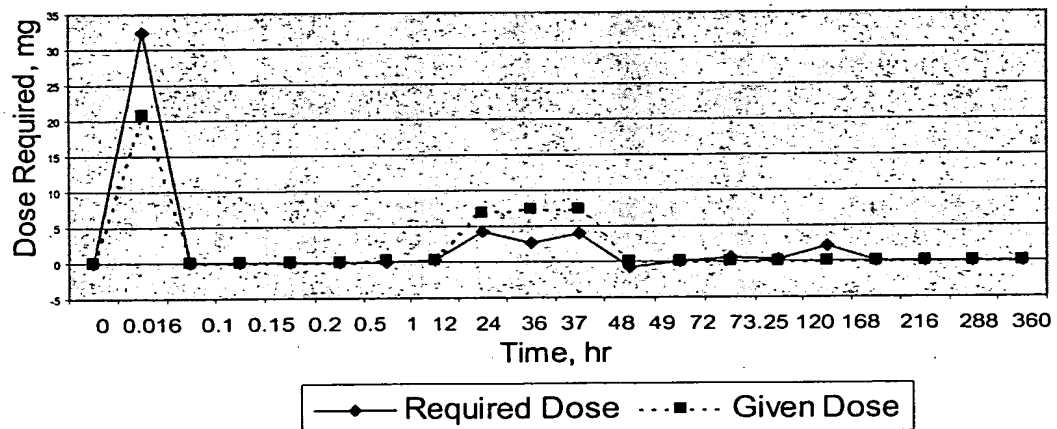


FIGURE 14

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SK002

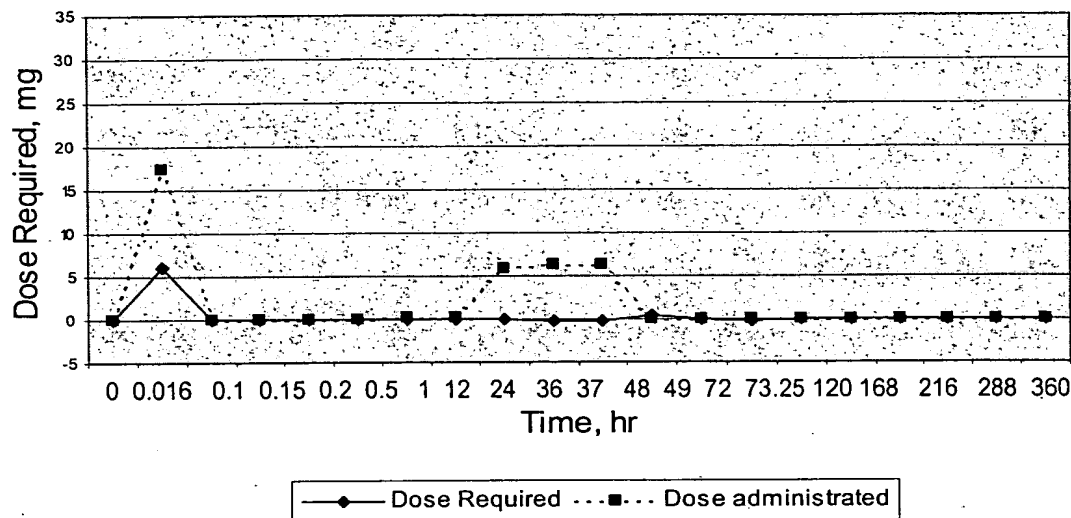


FIGURE 15

1006

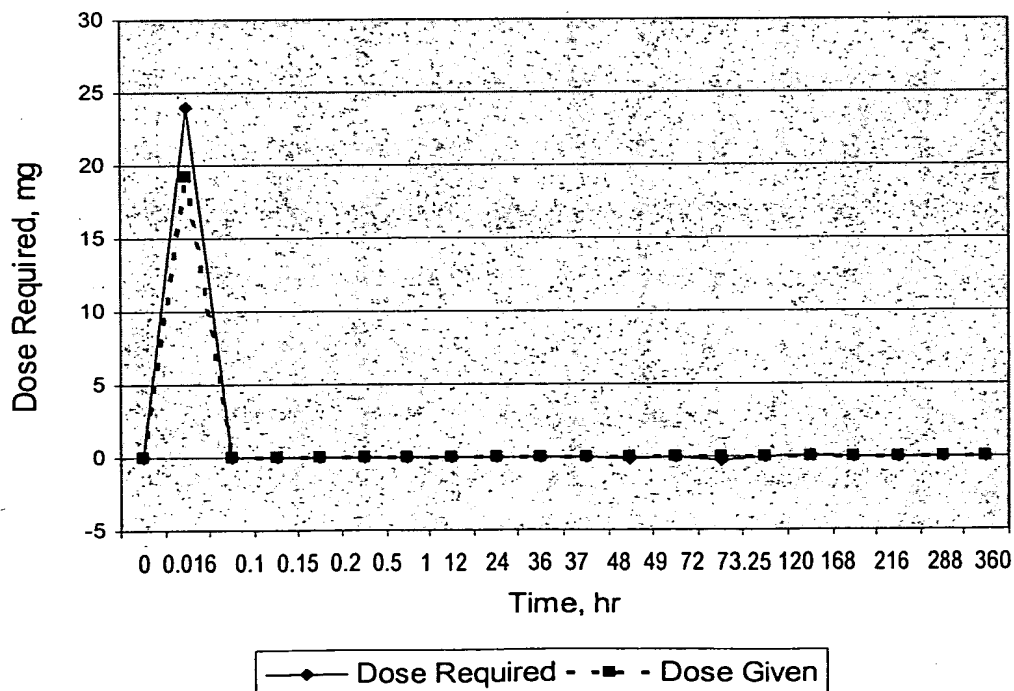


FIGURE 16

NN Predicted

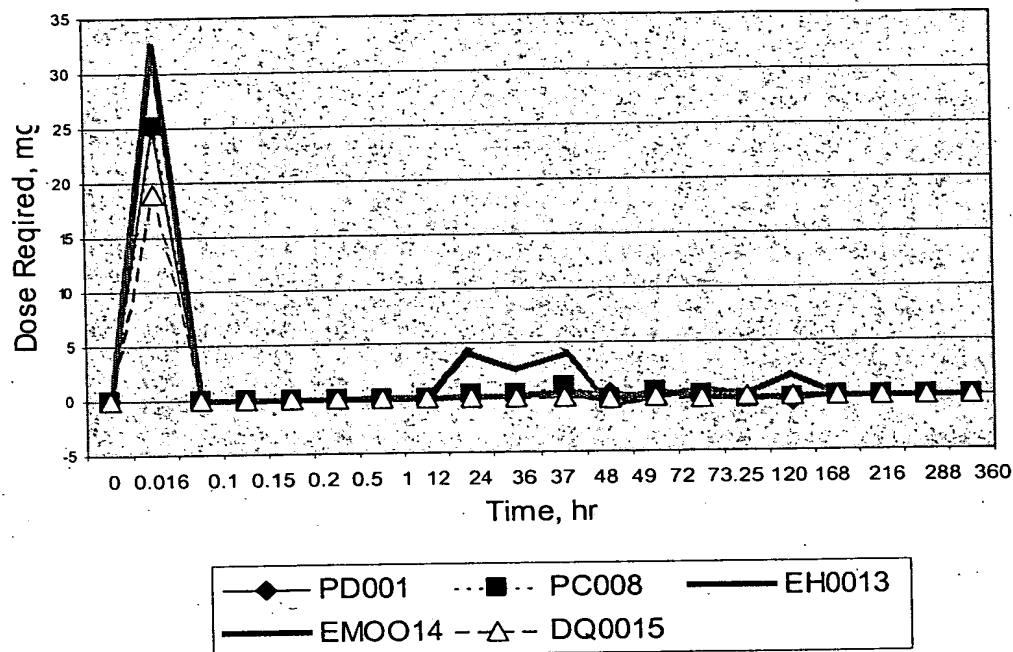


FIGURE 17

NN Predicted

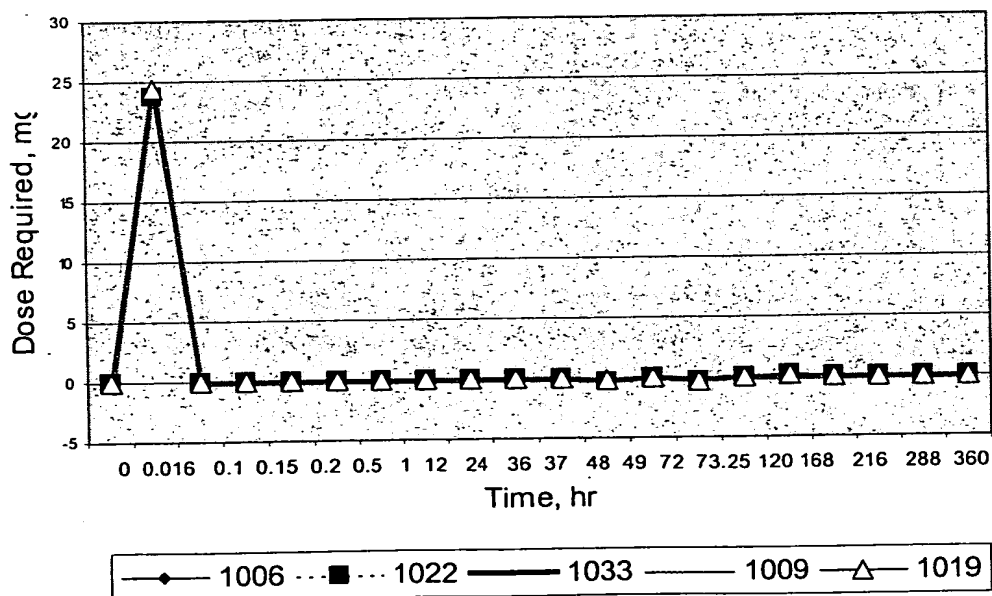


FIGURE 18

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Healthy NN Predicted

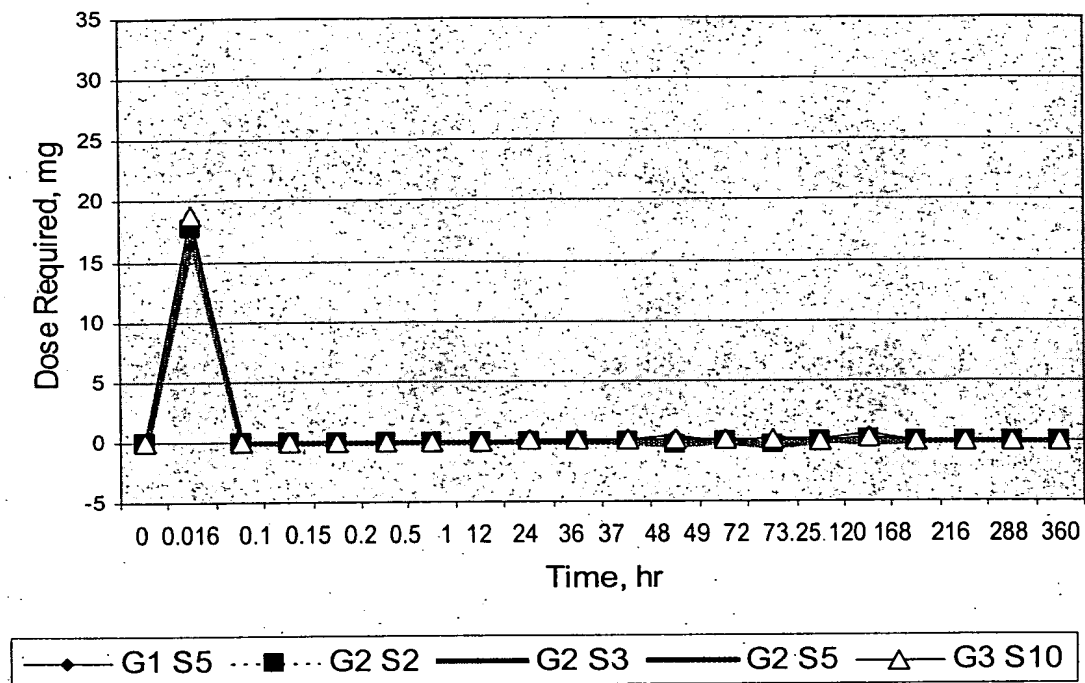


FIGURE 19

Required Baseline Aggregation Response

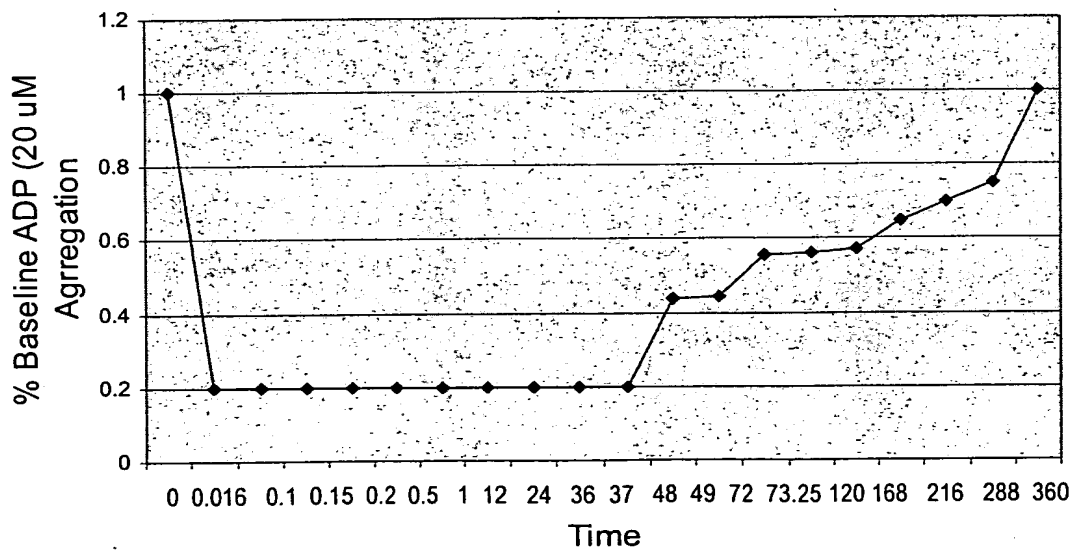


FIGURE 20

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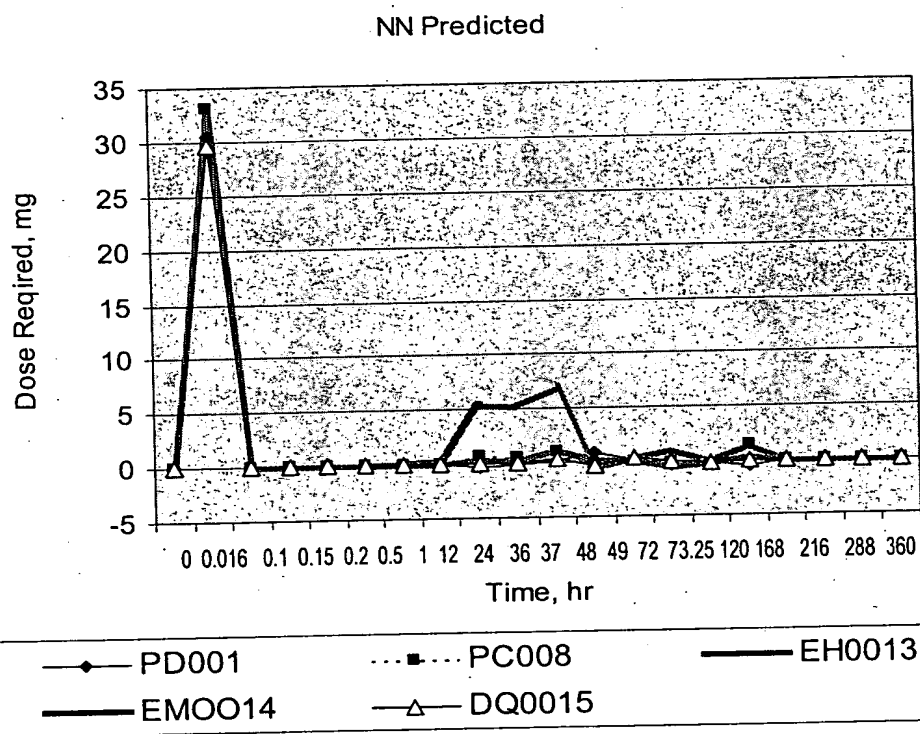


FIGURE 21

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NN Predicted

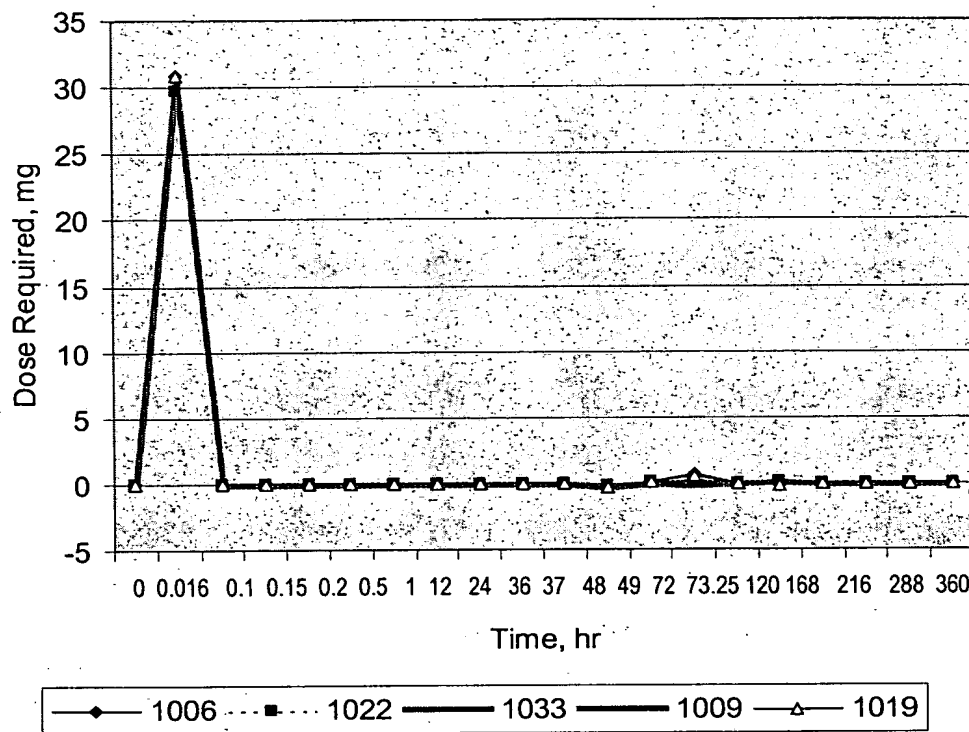


FIGURE 22

Healthy

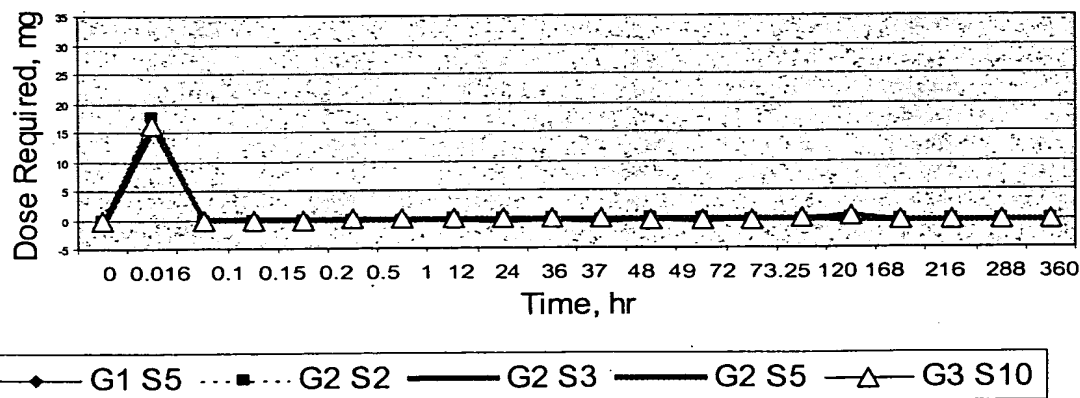


FIGURE 23